

Abstract

A manufacturing method for a semiconductor device using a wire bonding method using a metal wire. In the wire bonding method, an impact load applied when a metal ball formed at the tip of the metal wire by electric discharge is brought into contact with a terminal electrode of a semiconductor device is smaller than a static load applied after the metal ball is brought into contact with the terminal electrode. The method makes it possible to prevent an element or wiring from being damaged while securing the pressure necessary for bonding the metal ball to the terminal electrode even when the terminal electrode is placed on the element or the wiring.

00042487-012501

"Express Mail" mailing label number ELH5501991US

Date of Deposit OCTOBER 27, 1999

I hereby certify that this document is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 39 CFR 1.10 on the date indicated above and is addressed to Assistant Commissioner for Trademarks, 2900 Crystal Drive, Arlington, VA 22202-3513

LINDA McCormick
printed name
Linda McCormick
Signature